

Title (en)
VEHICLE BODY SIDE STRUCTURE

Title (de)
FAHRZEUGAUFBAUSEITENSTRUKTUR

Title (fr)
STRUCTURE LATÉRALE DE CARROSSERIE DE VÉHICULE

Publication
EP 1991435 B1 20120516 (EN)

Application
EP 07713086 A 20070301

Priority
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• JP 2006058419 A 20060303

Abstract (en)
[origin: WO2007099440A1] In a vehicle body side structure, an impact beam (116) is mounted to a door inner panel (110) by an impact beam extension (118). A part of the impact beam extension (118) that extends from an impact beam fixing part (126) to the door inner panel (110) serves as a load transmission part (128) capable of transmitting a load from the impact beam (116) to the door inner panel (110), and the extension line therefrom is directed at the centroid (C2) of the body pillar (106). With a simple structure such as this, at the time of a side impact it is possible to transfer a load from the impact beam (116) in a straight line to the centroid C21 of the body pillar (106) while suppressing the twisting moment of the body pillar (106).

IPC 8 full level
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